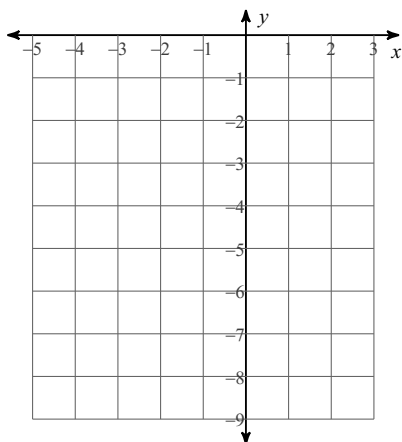


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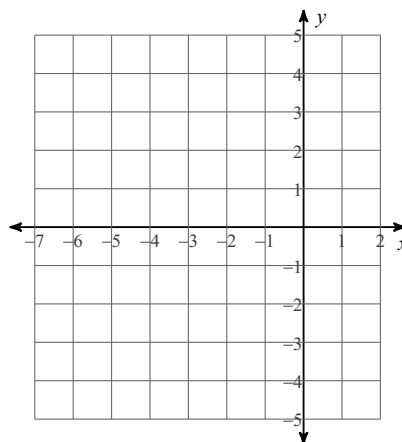
Date _____ Period _____

State the transformation that must have been done on the quadratic parent function in order to get the graph shown.

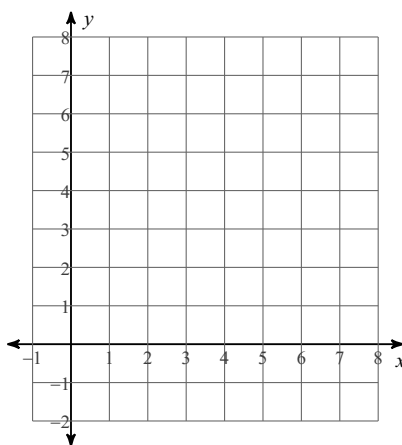
1) $y = -(x - 1)^2 - 4$



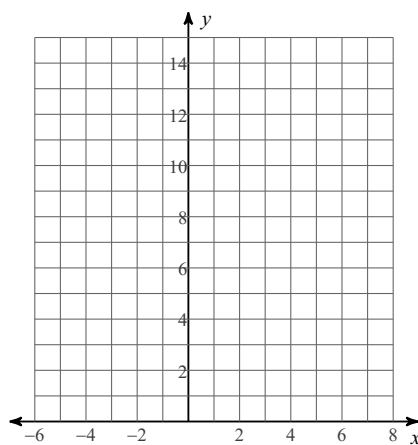
2) $y = 2(x + 4)^2 - 4$



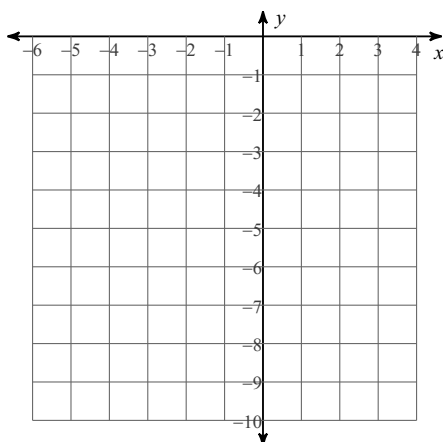
3) $y = 2(x - 4)^2 - 1$



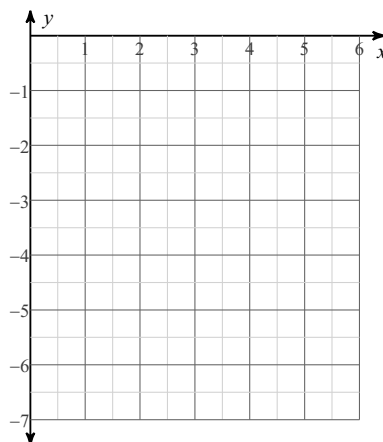
4) $y = 3(x - 1)^2 + 2$



5) $y = -2(x + 1)^2 - 1$



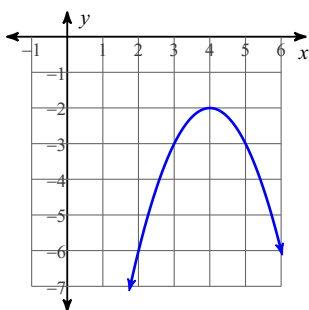
6) $y = -(x - 2)^2 - 2$



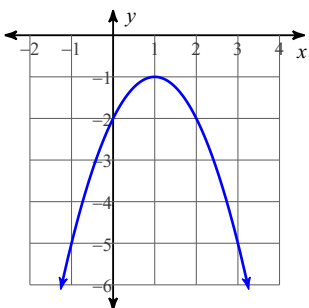
Select the following graph that represents the given function.

7) $y = -(x - 1)^2 - 1$

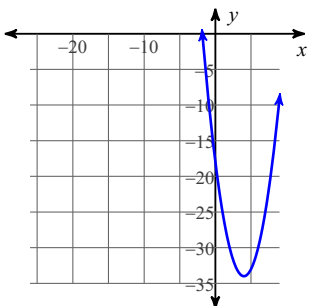
A)



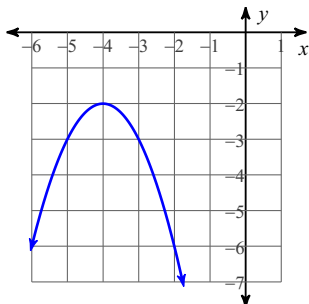
B)



C)

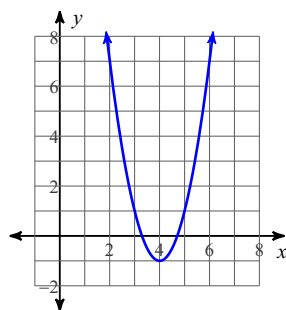


D)

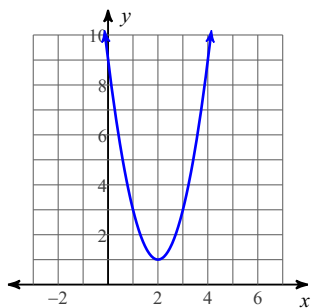


8) $y = 2(x - 2)^2 + 1$

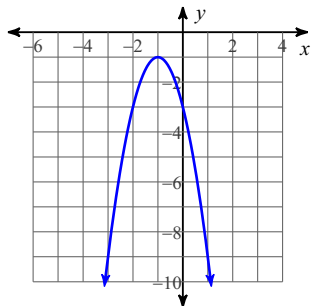
A)



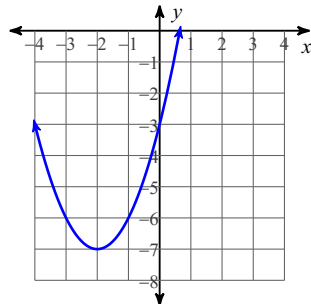
B)



C)



D)

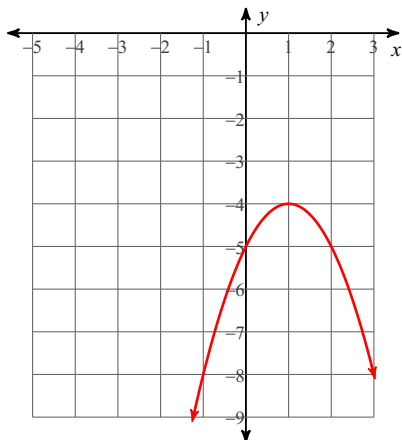


8.7 Day 1

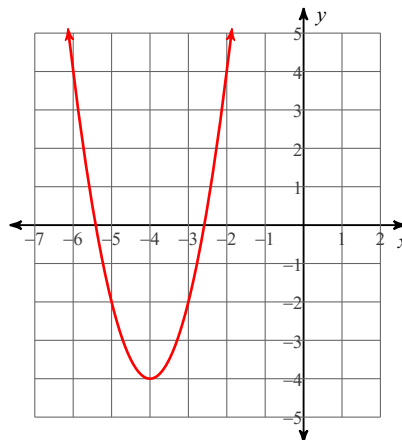
Date _____ Period _____

State the transformation that must have been done on the quadratic parent function in order to get the graph shown.

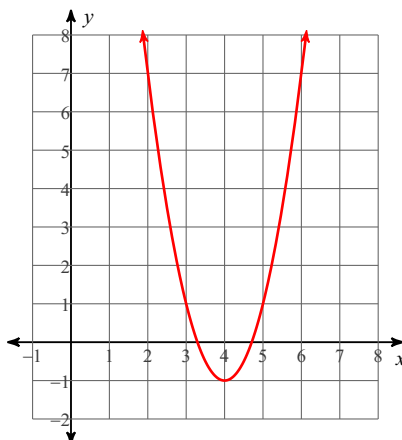
1) $y = -(x - 1)^2 - 4$



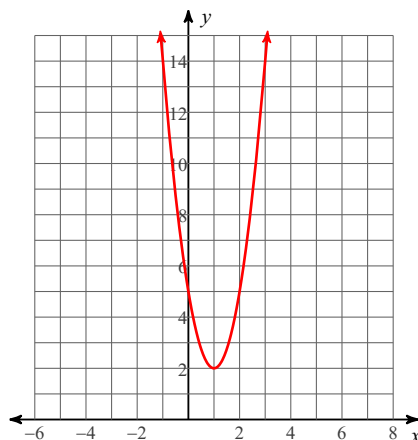
2) $y = 2(x + 4)^2 - 4$



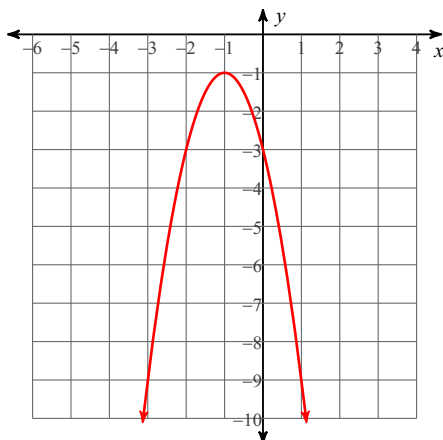
3) $y = 2(x - 4)^2 - 1$



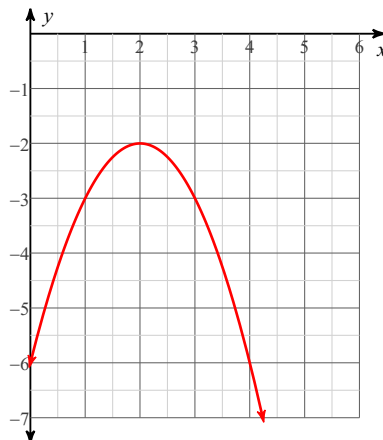
4) $y = 3(x - 1)^2 + 2$



5) $y = -2(x + 1)^2 - 1$



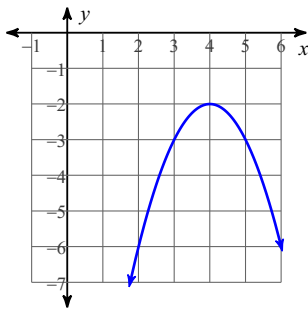
6) $y = -(x - 2)^2 - 2$



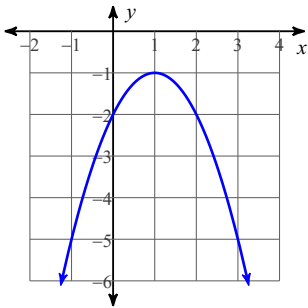
Select the following graph that represents the given function.

7) $y = -(x - 1)^2 - 1$

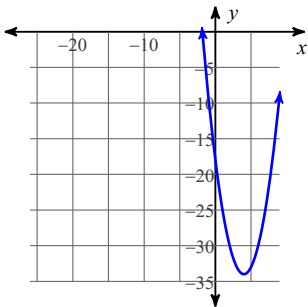
A)



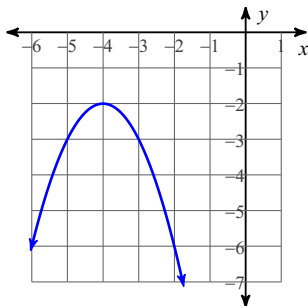
*B)



C)

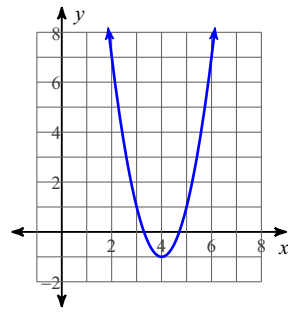


D)

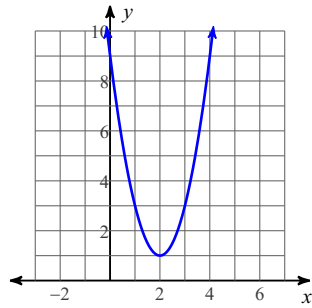


8) $y = 2(x - 2)^2 + 1$

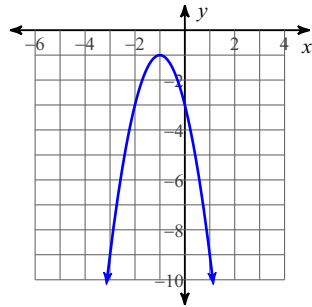
A)



*B)



C)



D)

